

Group B Development Coliform Bacterial Testing

All groundwater sources must be disinfected, flushed, and subsequently tested for coliform bacteria. You must include at least two source coliform bacteria test results in the project. Please note:

1. All samples during well development must be collected separated by four well casing volume purges.
2. If coliform is present in either of the initial well samples, at least two follow-up coliform samples must be collected after re-disinfecting and re-flushing the well and an appropriate waiting period.
3. If coliform is present in either or both follow-up samples, the engineer may submit a proposal to consider Primary MCL treatment to the department for review.

The engineering proposal must demonstrate to the satisfaction of the department that the source and system meet the following criteria:

- The source is not surface water, groundwater under the influence of surface water, or groundwater in hydraulic continuity with surface water.
- The system is financially and procedurally viable to support ongoing treatment and operations
- A management system is in place that will guarantee the treatment system is monitored and operated to assure consistent, reliable, and effective treatment
- The system will maintain compliance consistent with LCC 8.55

Design standards and project expectations in reference to disinfection treatment are discussed in the Lewis County Group B Water System Design Guideline and Lewis County Code 8.55.